

ABSTRACT OF THE DISCLOSURE

A laminated piezo-electric device comprising a pole-like laminate formed by alternately laminating piezo-electric layers and electrode layers in the direction of height, and a pair of outer electrode plates formed on the different side surfaces of said pole-like laminate, said two electrode layers neighboring each other with said the piezo-electric layer sandwiched therebetween being electrically connected at their side surfaces to the outer electrode plates which are different from each other, wherein flexible protruded electrically conducting terminals are provided on the side surfaces of said pole-like laminate on where the outer electrodes are arranged, said flexible protruded electrically conducting terminals extending along the side surfaces of the electrode layers and are capable of following the stretching and contraction of said pole-like laminate in the direction of height thereof, and the electrode layers being joined to said outer electrode plates via said protruded electrically conducting terminals. In this laminated piezo-electric device, the protruded electrically conducting terminals absorb the stress produced by the stretching and contraction of the pole-like laminate, and features excellent durability without causing the wires to be broken between the outer electrodes and the inner electrodes even when the piezo-electric device is continuously driven at a high electric field under a high pressure for extended periods of time.

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